

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Shunji Natsuka, et al.

Application No.: 10/700,505

Filed: November 5, 2003

For: MURINE ALPHA (1,3)
FUCOSYLTRANSFERASE FUC-TVII,
DNA ENCODING THE SAME,
METHOD FOR PREPARING THE
SAME, ANTIBODIES RECOGNIZING
THE SAME, IMMUNOASSAYS FOR
DETECTING THE SAME, PLASMIDS
CONTAINING SUCH DNA, AN CELLS
CONTAINING SUCH PLASMID

Customer No.: 20350

Confirmation No. 9880

Examiner: Taeyoon Kim

Technology Center/Art Unit: 1651

DECLARATION UNDER
37 C.F.R. § 1.131

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. I, Kevin M. Gersten, together with my co-inventors, John B. Lowe and Shunji Natsuka, was at the time of the invention employed by the Regents of the University of Michigan, the assignee of the above-referenced patent application. At the time of the invention, I was a graduate student in the laboratory of Dr. John B. Lowe. I am, with my co-inventors, a named and true inventor of the subject matter disclosed and claimed in the above-referenced patent application.

2. The present invention provides a murine fucosyltransferase-VII ("Fuc-TVII") enzyme comprising a catalytic domain, wherein the enzyme has fucosyltransferase activity and is encoded by a murine nucleic acid sequence segment that is identical to a polynucleotide that is amplified using murine RNA or cDNA as a template by PCR using a 5' primer as shown in SEQ ID NO:3 (GCGCGGATCCCACCATCCTTATCTGGCACTGGCCTTTCACC) and a 3'

DK to Enter
TK. 7/16/07